
FOLIO

Funds for the Future

At its regular monthly meeting on Friday, 7 November, the Board of Governors gave spirited approval to the establishment of a new fund to support research at this University. The fund will be titled The University of Alberta Endowment Fund for the Future and it is based on revenue realized in the sale of University lands, in this instance on revenue generated from the sale of 47.43 acres of the Edmonton Research Station (the "Farm") to the provincial government (see *Folio*, 15 May 1980). The sale of the Farm property, approved last March by the Governors, generated \$14.4 million for the University. It is now estimated that annual revenue from the proceeds of that sale will be in the order of \$1.25 million.

What to do with the money? An important part of the administration's thinking, which led to the proposal endorsed by the Board on 7 November, was a desire to support research and other activities of fundamental importance at the University. Such activities, however, were not to be of a type normally funded either by the government or our institution in the normal course of events. Deans, Department Chairmen, and Directors consequently were canvassed by the administration so that as many people as possible in the academic community could offer suggestions, imaginative suggestions, as to the best use of the funds. What the Board approved, then, is the result of this community participation.

In its essential elements, the proposal may be seen as one that

is creative and exciting. Certainly creative—it creates support for the Henry Marshall Tory Chairs, long ago approved in principle as the University's most prestigious professorships. It creates also some ten to fifteen research professorships to be occupied on a sessional basis. These professorships are to be named after the University's first Dean of Graduate Studies, Arthur G. McCalla. The funds will allow more positive support than hitherto possible for the advancement of scholarship and, among other things, will make it easier to bring our institution visitors who are among the most renowned in their chosen fields. The proposal is exciting. Even more exciting is the possibility that many of the programs delineated in the proposal will be quickly implemented, perhaps even before the end of the Winter Session.

Who will be the beneficiaries? For attentive observers of the University scene it will come as no surprise that the major beneficiaries will be those disciplines for which there is little in the way of external funding, the Humanities, the Social Sciences and the Fine Arts. This is not to say, however, that other disciplines will be left out in the cold. Agriculture and Forestry, inasmuch as the Endowment Fund for the Future is made possible by the sale of "Farm" land, will receive many benefits. And, of course, the Tory Chairs and McCalla Professorships will be wider in their application.

In sum, the proposal submitted to the Board of Governors on 7 November is one of the most

Research Professorships to be Named After Former Dean

Among the exciting proposals approved by the Board of Governors at its latest regular meeting, for the use of revenue coming from the sale of University land, was a recommendation that ten to fifteen Research Professorships be awarded each year. These professorships will allow deserving people across the University to gain release from their teaching and administrative duties in order to apply themselves with "uninterrupted concentration" to research projects. (The details of the research professorships are spelled out on page 2). Heartily endorsed by the Governors, the professorships are to be named after the first Dean of the Faculty of Graduate Studies, Arthur G. McCalla.

Dr. McCalla was associated with our University for some thirty-one years before his retirement in 1971. Still a resident of Edmonton, Dr. McCalla gained a Bachelor of Science in Agriculture from The University of Alberta in 1929 and an MSc in Biochemistry some two years later. In 1933, he was awarded a PhD in Plant Science by the University of California.

Dr. McCalla was first appointed to the University in 1940, serving as Professor of Field Crops from

1941 to 1944 and as Chairman of the Department of Plant Science from 1944 to 1951 when he became Dean of the Faculty of Agriculture. In 1957, he was appointed Dean of the newly established Faculty of Graduate Studies, formerly a School of Graduate Studies. Dr. McCalla served also as Acting Vice-President (Academic) during 1969-70.

Throughout his academic career, Dr. McCalla was particularly interested in research, perhaps following the lead of his father who was a well recognized botanist. (Dr. McCalla's father published an authoritative work on *Wild Flowers of Western Canada* as long ago as 1920.)

Among the many associations and institutions with which Dr. McCalla has been associated are the National Research Council, the Alberta Institute of Agrobiologists, the American Association for the Advancement of Science, and the Canadian Biochemical Society. Dr. McCalla is also a Fellow of the Royal Society of Canada and a Fellow of the Agricultural Institute of Canada.

It is particularly fitting that the newly established Research Professorships should be named for a person who continues to be deeply committed to the necessity of engaging in research. It is equally appropriate that funds generated from the sale of land at the Parkland Farm should be named for a person who has been both Dean of Agriculture and Dean of Graduate Studies. □

innovative the University has seen for some years. The Governors and the Administration have supported their statements about the value of research with hard cash. □

The University of Alberta Endowment Fund for the Future

*Proposed Categories of Expenditure**

1. Faculty of Agriculture and Forestry (20%)
2. Henry Marshall Tory Chairs (20%)
3. McCalla Research Professorships (15% +)
4. Distinguished Visitors (15%)
5. Support for the Advancement of Scholarship (20% —)
6. Special University/Community Projects (10% —)
7. Discretionary Fund: Vice-President (Research) (5% —)

1. Faculty of Agriculture and Forestry

Recognizing that the Faculty of Agriculture and Forestry has a special interest based on its long-time identification with the property involved, it is recommended that the Faculty receive preferential treatment from the Fund in the form of an annual share of up to 20% (approximately \$250,000) to be arrived at in the following ways:

**For the principles governing the use of proceeds from the sale of Edmonton Research Station land, see Appendix A.*

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All inquiries and correspondence should be directed to:

Folio
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(a) Agriculture and Forestry will be permitted to draw on \$50,000 per year for the funding of projects of the Faculty's own choosing whether or not they fall within the uses approved for the rest of the University. There will be an approval mechanism in central administration to allow for the orderly coordination of these undertakings within a University context, and there will be the usual requirement of proposal submission with detailed justification, but the priorities will be those of the Faculty. Except in the case of modest sums, there may be no commitments beyond the five-year period, but the Faculty will be permitted to make middle-range commitments (2-3 years).

Project examples: Upgrading and maintenance of off-campus facilities; appointment of an APO Farm Manager (Plant Science) raises a question of what in fact constitutes a "commitment".

(b) The Faculty will be allocated up to \$100,000 per year (on the basis of approved projects) for undertakings that can be shown to grow out of the Parkland Farm's association with research (though the rules will be generously interpreted, so that if, for example, the Faculty contemplated moving the Ellerslie activity further out as the city encroaches, the costs involved might be approved in this category).

(c) Up to 100,000 per year will be made available to the Faculty for undertakings that fall within the uses for the Fund approved for the University as a whole. Except in the case of Tory Chairs, Agriculture will not otherwise be eligible for allocations from the Fund.

(d) There will be sympathetic consideration of fully developed proposals for the purchase of land for the use of Agriculture and Forestry. Here an encroachment on the principal itself could be considered in order to make

the purchase(s), or a continuing commitment against the revenue for the purposes of leasing land.

Land purchase or leasing would necessitate reconsideration of the Faculty's preferential treatment under (a), (b) and (c).

2. Henry Marshall Tory Chairs (3)

Tory Chairs were created in 1968 by GFC and Board action.

Because of financial constraints, no appointments have been made, though the need for them is as great as ever.

Named for Henry Marshall Tory, the First President of the University, the Chairs are intended for "outstanding individuals who by their presence will enhance the reputation of the University and who can provide leadership and experience for the strengthening of teaching and research in specific disciplines at the University."

Appointments of up to three Tory Professors are to be funded by a commitment against the revenues from the land-sale, subject to the following conditions:

(a) Two of the three Chairs are to be reserved for University disciplines not eligible for Killam Memorial Chairs, which are designed for the scientific, medical and/or engineering fields; the third shall be open to general competition.

(b) Tory Chairs funded by the land-sale are to be used to attract outstanding academics to the University. Existing staff are not eligible for appointment (though other Tory Chairs are open to all).

(c) Appointees to Tory Chairs are to be attached to, or associated with Departments, Faculties or Institutes and shall be obliged to undertake teaching functions of some kind. The teaching need not necessarily be of specific courses in an existing program, but

perhaps more appropriately, special courses, seminars and public lectures in the field of interest of the Chairholder.

(d) Appointees to Tory Chairs are to be awarded tenure at the time of appointment, receive the usual staff benefits (participation in pension, medical and insurance schemes), and be subject to the Faculty Agreement as are all other full-time academic appointees.

(e) Special budgetary provision is to be made for secretarial and technical services, as needed, and for travel and entertainment.

(f) Consideration of proposals for appointment is to be undertaken by a committee appointed by GFC, chaired by the Vice-President (Academic) or his delegate. Its proceedings are to be confidential.

(g) Normally, proposals are to be made by Departments, Faculties or Institutes of the University; but in any case, no appointment is to be made without the approval of the unit involved.

(h) Appointments and appropriate salaries are to be recommended by the Committee to the Board through the President.

(i) Since Tory appointments are not intended to meet ordinary departmental needs, and since they are extra to existing establishments, Departmental/Faculty resource entitlements will not be affected negatively by the allocation of a Tory Chair; conversely, no compensation will be due to a department should a Tory Chair be vacated and allocated elsewhere.

It is estimated that, depending on the disciplines involved, three Tory Chairs would require some 20% of the net revenue.

3. McCalla Research Professorships (10-15)

Very nearly everything academic is affected by the University's research role, since the function

of the institution is to seek, preserve and transmit knowledge. With few exceptions our academic staff are required by contract to practise research, actively and productively.

The institutional setting for it is varied and complex, there being innumerable considerations that determine the conditions under which research can be pursued, and just as many determining the needs of the different kinds practised.

For some kinds of research Study Leave is provided. Other research is best undertaken during period of leave-with-out-pay from the University (with secondment to other institutions as a variant). Some is generously, even totally funded from outside; some is funded by contracts undertaken as supplementary professional activity. In most cases, of course, it is the University that pays—in part through the provision of equipment, supplies and support staff; in perhaps larger part through the provision of space; but primarily through recognizing research as an important charge against the working time of our staff.

Here there is, again, great variety: the capacity of a unit of the University to make provision for research time, indeed the custom of doing so, varies from one Faculty and Department to another, even from one discipline to another—so much so that it is virtually impossible to generalize about research working conditions across the institution (even where the summer is concerned).

There is, however, one thing on which most units will agree: whatever the research practices, sources of funding, and local working conditions, there are deserving people throughout the University who would benefit from on-site leave from teaching and administration to advance their research for a concentrated period through intensive application to it.

Proposed is the creation of 10 to 15 Research Professorships, annually, that will provide released time for other duties to

permit, for limited periods, uninterrupted concentration on research projects free of ordinary distractions.

i. *Conditions:*

(a) Professorships will be for the 9-month sessional year beginning 1 September.

(b) The number available in any given year will be ten or more, depending on the estimated funds available, to a maximum of fifteen.

(c) Released time will be purchased from Departments/Faculties at prevailing Sessional rates to cover teaching requirements only (the needs of individual units will be met, with whatever reasonable adjustment is necessary for inflationary costs, hiring expenses, market pressures, special requirements etc., but there will be no fixed minimum compensation for the units involved and no windfall profits).

(d) Funds will be allocated to Faculties or groups of related faculties over a three-year period primarily though not exclusively according to population (with a modest central reserve to provide for special circumstances and some weighting in favor of those without other released time opportunities). There will be central coordination of small Faculties.

(e) Candidates will submit applications according to procedures devised by Faculties and groups of related Faculties. The approval of Chairmen and Deans will be a precondition for favorable consideration.

(f) No major supplementary professional activities will be approved for the period of tenure.

(g) Leave eligibility will not be affected by the Professorships.

(h) Normally, Professorships will be tenable at the University, Edmonton.

(i) There will be no limitation on Departmental/Faculty privileges and rights during tenure, nor any unusual limitation on access to University and other research funds.

(j) Within three months of the end of the Professorship, the staff member must submit a report on

the activities of the period to the Dean and Vice-President (Academic), and, where appropriate, department Chairman.

ii. *Adjudication*

Because of the wide range of research practised at the University and the virtual impossibility of centralized ranking, applications will be judged within Faculties or appropriate groups of disciplines or Faculties. Though disciplines that already have released time opportunities open to them will receive low priority, all parts of the University will have equal access to the fund. The assumption here is that although there are priorities in the market place that affect the kinds of research that get supported—and these make themselves felt in the University (through the kind of additional outside support available and our need to pay more for certain kinds of staff)—the research function itself, within a university, is not subject to a pecking order. On this front, creative thinkers, experimenters, artists—everyone alike—is doing the same kind of work.

The groupings of disciplines or Faculties, to be established at the outset by the President in consultation with the Vice-President (Academic), will be subject to review after three years.

iii. *Criteria:*

For the purposes of this fund criteria are to be established within the disciplines, rather than centrally, to allow for flexibility and to ensure that decisions are made that take account of all the most pertinent considerations, though merit will be above all important.

iv. *Name: Arthur G. McCalla Research Professorships.*

It is intended that the Professorships should, in time, become part of the fabric of the institution. Giving them a name identified with the University's character and development, with its history, will give them a certain stamp from the outset. Dr. McCalla was the first Dean of the Faculty of Graduate Studies (1957-1971), and from 1951-1959, Dean of Agriculture.

v. *Costs:*

It is estimated that 15 Professorships at current average Sessional rates would use something more than 15 percent of the net revenue. Providing for a range of Professorships will allow for adjustment to changing circumstances from time to time.

4. *Distinguished Visitors*

The high cost of travel and Edmonton's relative isolation from the world's large concentrations of academic expertise, combined with a slowdown in the rate of turnover among academic staff, can affect adversely the vitality of our teaching and research. One positive response, supported by many as a very high priority, would be provision on a continuing basis for distinguished visitors who, through their presence among us for periods long enough to allow for genuine interaction with our staff and students, would constitute a stimulating intellectual environment despite austerity funding.

Each of the disciplines has different notions of the kind of person to be sought and the most appropriate length of stay. The Fine Arts can sometimes benefit from two-week visits whereas the Humanities would likely find it of greater value to have scholars or writers in residence for a year. Scientists with NSERC funds can on occasion accommodate colleagues from elsewhere in the middle cost range but not outstanding seniors. Government agencies will provide the seed money for certain kinds of visitor but not total costs and rarely long enough in advance to allow for planning and negotiation (such as might be required to obtain the services of a leader in Canadian studies, politics or industry).

i. It is proposed that there be established a fund (in the order of 15 percent of the net revenue of the land-sale) responsive to the whole range of needs across the University for visits by distinguished scholars, artists, scientists and professionals of national and international reputation.

(a) These funds are to be admin-

istered centrally by the Vice-President (Academic) or Vice-President (Research). Here (unlike the Research Professorships) proposals lend themselves to centralized assessment and comparison; and, moreover, it is in our interests to have control of uses where there is the danger of duplicating the activities of outside agencies. Criteria will be developed later.

(b) Applications are to be made by Faculties on behalf of themselves or their Departments (or combinations of Departments within or across Faculties) and are to include an estimate of costs and a description of the activity deemed appropriate for the visitor.
(c) Normally, no visit shall be for less than two weeks or more than one year. Normally, visits will occur during the Winter session.

(d) Within existing regulations, there will be no predetermined constraints on administration in its consideration of proposals for funding (or indeed *arrangements* for funding, since in the Fine Arts, for example, payment might be, in part, in the form of a performance fee, or purchase of a work of art, or the mounting of a production), but the usual range of costs of proposals appropriate to this fund (as distinct from the Visiting Speaker's accounts), will likely be from \$10,000 to \$50,000 (including travel).

ii. It is also proposed that the fund be available for the facilitation of faculty exchanges with other universities, especially where relocation costs are involved. Here there is a dearth of experience, but the presence of such a fund will likely foster initiative in the Departments and Faculties; and in the process of dealing with proposals, administration will develop the necessary experience to give guidance in the future.

The purpose, here, is to allow for scholarly interchange at the national and international level.

iii. Faculties may choose to describe their visitations as "awards", if they see fit, to recognize worthy individuals.

5. *Support for the Advancement of Scholarship*

Some Faculties and disciplines have access to large funding agencies. Nothing can be done internally to provide equivalent opportunities to disciplines that fare less well. In addition, however, the President receives from the National Sciences and Engineering Research Council some \$300,000 annually to use at his discretion for the encouragement of research in the various sciences. That amount can indeed be approximated—and with considerable benefit:

i. It is proposed that there be established a research fund in support of faculty members who do not have access to NSERC and MRC (using slightly less than 20% of the net revenue of the land-sale).

(a) Primarily, the fund will be used to facilitate scholarship in the humanities and social sciences and various related applied areas (such as law, business, and education) through the flexible annual use of small grants across the spectrum of on-campus teaching faculty, full or part-time continuing, as far as possible for purposes not competing directly with external granting agencies. (The President has agreed to give special consideration in his discretionary NSERC fund to small Faculties that might be disadvantaged in the ordinary pursuit of medical or other research funds.)

(b) Allocations are to be made to Faculties over a 2 to 3 year period, approximately according to population except in the case of small Faculties (see ii, below).

(c) The funds will be distributed by Faculties according to their own criteria but within certain general categories:

(1) *Released Time*
Up to half the Support fund will be used to make possible released time from the teaching of one or more courses or their equivalent, to permit research projects to be started, advanced or brought to conclusion. (Since this is a research benefit not open to grant-holders in the sciences, the President has agreed to ear-mark a matching amount of his NSERC discretionary fund to be used in engineering and the sciences for the same purpose).

(2) *Travel*

On the basis of particular proposals, funds may be used in aid of travel (though not lodging or subsistence) for the purpose of advancing a scholarly project or establishing and maintaining external links having a bearing on research, especially where these are not normally funded (eg. consultations with other specialists, visits to research institutions abroad, special subsidies for conference participants, etc). NB. Funds are not merely to be added in undifferentiated fashion to Staff Travel accounts.

(3) *Equipment*

Subject to the usual procedures, funds may be allocated for the purchase of equipment specifically required for a research project (though *not* for equipment normally associated with the operation of a Department or Faculty).

2. Up to one fifth of the Support Fund is to be used for the Fine Arts and for preferential treatment of small Faculties not readily accommodated under the terms of the fund because of their relatively small size (eg. Library Science, Law, Nursing, the bulk of the staff in Home Economics and Faculté Saint-Jean and some in Interdisciplinary Studies, Pharmacy and Graduate Studies). Proposals from Librarians and Extension staff will also be considered here. Allocation of the funds in this sub-category will be centrally controlled but probably exercised through the good offices of the interested parties, in related groups.

3. The interests of the University's General Research Fund and Humanities and Social Sciences Research Grants Committee will not be duplicated. (These funds make no provision for released time, given preference to junior staff, and place special constraints on travel).

6. *Special University/Community Projects*

In service of our teaching and research functions are a number of support Departments of such vitality that they have come to assume an importance out of proportion to their modest budgets (as in many world-class universities). The University Press, Collections and Exhibitions, and the Archives are in this category. Their lot seems to be to struggle

for excellence on the strength of the dedication of their staff and, in some cases, the unpredictable and sporadic support of outside agencies. The same can be said for a miscellany of other activities that lack any hard budgetary base whatsoever (as for example, the editing and publishing of scholarly journals that need funding during the early probationary years when granting agencies will not participate—or established journals called on to put out a special issue). Library restoration of selected rare books is similarly disadvantaged.

i. It is proposed that there be established a fund to provide grants-in-aid of projects of special significance to this region of Canada, or of some particular significance to The University of Alberta.

Without limiting the scope of the fund, it is anticipated that the primary users will be the Press, Archives, Collections and Art Gallery for such projects as the purchase of works of art of particular significance to the area, the purchase of items of special geographic or subject interest, support of publications of significance to this region of Canada, the restoration of selected rare books, and the underwriting of special exhibitions.

ii. The fund will draw on up to something just under 10% of the net revenue from the land-sale.

iii. It will be administered by a committee advisory to the President (or one of the Vice-Presidents).

iv. Projects will be either of a capital (purchase) nature or limited to a two-year operating period.

v. Preference will be given to projects that cannot, in practice, be funded by other means.

7. *Discretionary Funds Vice-President (Research)*

Unlike the other Vice-Presidents, the Vice-President (Research) will not be involved in the administration of operating funds and therefore will have even less potential than they for financial initiative.

The President has agreed to assign to the Vice-President (Research) a portion of his NSERC discretionary fund for administration or, at any rate, advice.

In order to meet some of the equivalent needs of academic staff who do not fall within the science/engineering classification, it is proposed that approximately 5 percent of the net revenue of the land-sale be allocated to the Vice-President (Research) for his discretionary use.

Currently NSERC discretionary funds are used for a range of purposes, from special conference subsidies to research grant overruns, to major special equipment needs. It is hoped that through the subvention proposed, the Vice-President (Research) will also be able to encourage joint sponsorship among the Faculties of projects bearing on research in teaching and community needs and research sponsored by our institutes, to name but two or three areas that might benefit from access to funds.

Appendix A
Use of Proceeds from Land-Sale (Edmonton Research Station: Parkland Farm)

Governing Principles

1. The proceeds of the land-sale shall be used in accordance with the guidelines approved by the Board of Governors.
2. The guidelines formulated and approved in 1980 shall apply for a period of not more than five years. (N.B. Reconsideration must therefore occur by 1985.)
3. As a corollary, there shall be no permanent commitment of revenues beyond 1985 without Board approval or contingent provision for equivalent funding from the operating budget, except in the case of land-leasing and Tory Chairs.
4. There shall be no attachment of principal except in the case of land purchase.
5. Preferential treatment shall be accorded the Faculty of Agriculture and Forestry in light of its historic ties with the property and Board recognition of a special interest in the proceeds of the sale (approximately 20 percent of the net revenue after provision for reinvestment).
6. Except in certain categories of expenditure approved for Agriculture and Forestry, revenue shall only be used for purposes not funded by gov-

- ernment and the University in the normal course of events.
7. Allocations from the Fund shall be for uses specifically identified and approved.
 8. In order to have some real effect, allocations are to be made within a limited number of approved categories of expenditure.
 9. The President will determine the adjudicatory and allocation procedures appropriate to each category of expenditure.
 10. The proceeds of the land-sale shall form the nucleus of The University of Alberta Endowment Fund for the Future.

Appendix B
Approximate Allocation of Estimated Revenue from Endowment Fund

1. Agriculture and Forestry: Preferential Treatment (20%)		
(a) Faculty Projects	\$ 50,000	
(b) Benefits	6- 7,000	
(c) Land-Sale Fund Projects	100,00	
Subtotal		250,000
2. Tory Chairs (20%)		
(a) Salary	\$60-75,000	
(b) Benefits	6- 7,000	
(c) Secretarial	7-13,000	
(d) Travel and Entertainment	2,000	
(e) Dept. Faculty Overhead	3,000	
Subtotal 3 x approx.	\$85,000	250,000
3. McCalla Research Professorship (15% +).		
10-15 replacements for 9 months to 1 year at	\$15,000	
Subtotal		190,000
4. Distinguished Visitors (15%)		
Subtotal		185,000
5. Support for the Advancement of Scholarship (20% —)		
(a) Released Time	\$115,000	
(b) Travel	40,000	
(c) Equipment	25,000	
(d) Fine Arts and Small Faculties (including a-c)	45,000	
Subtotal		225,000
6. Special University/Community Projects (10% —)		
Subtotal		100,000
7. Discretionary Fund: Vice-President (Research) (5% —)		
Subtotal		50,000
Total		\$1,250,000

Congress on Leisure Research
Planned For Summer of '81

The Third Canadian Congress on Leisure Research will be held at The University of Alberta from 17 to 21 August 1981. The Congress is a triennial event, the first having been held in Quebec City in 1975 and the second in Toronto in 1978. It brings together researchers from a wide variety of disciplines and backgrounds who are involved in the study of leisure, as well as practitioners from the recreation field in Canada.

The theme for the Third Congress will be "Interface: Towards More Relevant Leisure Research." The primary thrust will be towards the discussion of issues and problems in relationships between researchers and practitioners and upon relevance of research to practice, to policy development and to the develop-

ment of theory. A series of sub-themes has been identified including: "Leisure and the Family"; "Leisure and Changing Lifestyles"; "The delivery of Leisure Services"; "Citizen Involvement and Voluntary Organization"; "Technology and Leisure"; "Labour, Employment and the Quality of Leisure"; and "The Negative Side of Leisure."

It is anticipated that 350-400 researchers and practitioners will attend the Congress. Persons wishing to be added to the mailing list and wanting to obtain further information about the Congress may contact Trevor Slack, the Congress Coordinator, or Thomas L. Burton, the Congress Chairman, of Recreation Administration. Mr. Slack's telephone number is 432-5710 while Dr. Burton's telephone number is 432-5171. □

Folio to Raise Advertising Rates

Effective 1 January 1981, all advertising rates in the University bulletins *Folio* and *Folio/New Trail* are to be increased according to the following schedule.

Folio

Classified Advertisements

1. There will be a minimum charge of \$1.50.
2. The cost per word will be 30c with no discount for extended runs.
3. The policy of giving refunds is to be abandoned entirely.
4. Authors' corrections will be assessed at \$1.50 per line.
5. A maximum limit of 30 words will be imposed.

Display Advertisements

1. Full page: \$330
2. Half page: \$165
3. Column: \$82.50
5. Business card: \$30
5. Basic Unit (1½" x 1¾"—minimum of two): \$30.

6. A 10 percent discount for five or more insertions will continue to be offered.
7. Typesetting: 30c per word.
8. Adjustment of design work assessed at \$7.50.

Folio/New Trail

Display Advertisements

1. Full page: \$1,000
2. 2/3 page: 800
3. 3 columns: 750
4. ½ page: 550
5. 2 columns: 500
6. 1/3 page: 400
7. ¼ page: 300
8. 1 column: 270
9. 1/6 page: 200

Please note: The last issue of *Folio* to be issued in 1980 will be published on 18 December. The first issue of 1981 will be published on 8 January. The copy deadline for the 8 January issue will be Wednesday, 31 December 1980. □

Letters

75th Anniversary Logo Competition

■ It was with dismay that I read the rules and guidelines pertaining to the 75th Anniversary Logo competition. Frankly, the contest is pointed *conspicuously* toward practising professional designers and aspiring student designers, rather than *all* residents of Alberta.

Beginning with the last paragraph: "*These competition rules are in compliance with the design competition guidelines established and ratified by the International Council of Graphic Design Associations 1974.*" These rules, I'm sure, are fair if they are applied as they should be, for use in competitions involving professional designers of equal calibre. Such is not the case in this competition. Certainly the University of Alberta is not bound to comply with the International Council of Graphic Design Associations standards. They are meaningless in a competition such as this.

It is unfair to impose these rules and guidelines upon the layperson who (generally speaking) is less sensitive and less familiar with the subtleties of the design and printing trades. It is unfair to expect a layperson to compete on an equal level with trained and practising designers—particularly in preparing some of the secondary requests listed under guideline 6. *Technical Specifications.*

"6.1 The logo must be reproducible in detail down to 10mm and should enlarge up to 1m without loss of coherence.

6.2 The logo must be submitted black on white, largest dimension 250mm, ready for reproduction.

6.3 A color version printable in no more than 2 printings must be shown.

6.4 Three applications must be shown:

a) standard size letterhead for Press release, including envelope. Copy: *University of Alberta Office of Community Relations,*

Tel. 432-2325, Press Release.

b) a brochure cover announcing *Programs of Anniversary Concerts, Convocation Hall, University of Alberta, Edmonton, 9,5 cm x 21 cm, two colors.*

c) one souvenir application, i.e. T shirt or key ring or embossed addressbook cover or pocket calendar 10 cm x 15 cm.

6.5 All print applications (Press release, envelope, brochure cover and calendar or diary covers) must be mounted on board 50 cm x 60 cm.

6.6 All three dimensional applications (T shirt, ash tray, etc.) must be submitted in box or separate envelope."

Here the specifications are very obscure if taken literally. However, these same obscure specifications contain numerous underlying complexities and include many more options when read by a designer than when read by the layperson.

For example: *Technical Specification 6.3*—(a) Should the layperson be expected to know that two colors can be combined to form a third or (b) that mechanical tint screens can be used to intensify or subdue the design? (c) Should they know that white is not considered a color? (d) How many colors are involved in *one* printing—let alone two?

Another example: *Technical Specification 6.4a, b.* Assuming that the layperson already knows what the standard letterhead and envelope sizes are—(a) how can they be aware of the myriad of typestyles available? (b) How can they be sensitive to their applications, size relationships and legibility, (c) where do they have reference to them and (d) how can they be expected to render them without reference or formal training? Also (e) what about paper? Can colored paper be used? Another point: (f) what kind of board is 50cm x 60 cm? Where does one purchase it?

Concerning the souvenir applications (have you checked the price of an ashtray or t-shirt lately?), what medium does one use to apply the design to an ashtray? How does one put it on a t-shirt or emboss an address book?

Obviously, being familiar with the tools of the trade, being aware of what is required, what the limitations are and how to achieve the desired results gives the designer a *decided* advantage in this competition.

The student designer (if assigned this competition as a project), aside from the aid of tutors and most of the aforementioned advantages, will likely have the class time to work on it. Time that will not be available to non-design students or working persons.

If not assigned this competition as a class project they will, at least, have access to most of the techniques and technologies used by the professional designer. They should be able to complete the task at considerably less

expense than the layperson.

Is not the concept (the logo itself) the foremost concern? Secondary applications of the logo should be the concerns of the so-called "*design experts.*" Surely, if a *qualified* jury is able to select a winning design, this same jury should be able to *visualize* its practicality concerning the secondary applications!

As well, it would spare *all* competitors some of the expenses involved for materials they may never use or see again. Time spent tediously attempting to apply the logo would be eliminated, allowing more time for work on the concept.

By simplifying these myopic rules and guidelines, this competition would be much more *accessible* to the layperson in terms of expense, time and enthusiasm. In short, make it fun, make it fair.

David DiFrancesco,
Design Editor,
Community Relations

Native Student Assembly

The University of Alberta Native Student Club will host the annual general assembly of the Alberta Native Student Association (ANSA) 14 to 16 November.

The assembly will be conducted in the kiva room and the multimedia room of the Education North Building, beginning at 9 a.m. each day.

Following registration the assembly will be opened at 10 a.m., 14 November, by Albert Crier Jr., president of the Native Student Club; President Horowitz, Nolan Astley, President of the Students' Union; and Ed Metatawabin, the University's adviser on native affairs.

Ten delegates from each of eight Alberta institutions will

attend the assembly and five resource persons will speak on issues of importance. Among these issues are cultural aspects of education comparisons—parallels of traditional native philosophy to contemporary Canadian educational studies; the relationship of the Federation of Alberta Students with ANSA; the development of a native studies program at the University of Alberta; ANSA goals and objectives for 1980-81; and the need for professionals at the reserve level.

ANSA was established two years ago for the purpose of unifying all secondary and post-secondary native students in order to collectively address issues that affect these students. □

Housing and Food Services: Employee of the Month

The Department of Housing and Food Services has instituted an employee recognition program of a type quite new to the University. The program was initiated in September 1980 and already a recipient for the monthly award has been selected.

Irene Provencal holds the position of Maid to the seventh floor of Henday Hall. The students of the floor—her “family”—nominated Irene Provencal for the award essentially because they “love her.” She is “cheerful and funny . . . motherly . . . interested in the well being of her students . . . honored and trustworthy.”

The objective of the employee recognition program, according to Housing and Food Services, is to increase employee morale and pride by demonstrating “management’s interest in and appreciation of a job well done.” One employee is to be selected each month for such recognition. The

employee’s photograph, taken especially for the purpose by the Photography Division of Technical Services, will be displayed both in the unit to which the employee has been assigned and in the reception area of the administration office in Lister Hall. Criteria for selection include such characteristics as courtesy, co-operation, dress, initiative, and effort.

One must be nominated for the award by three people (students, customers, fellow employees, or a combination of each category). They must submit a nomination form to the Housing and Food Services Personnel Office by the fifth day of the month. Nomination forms are widely distributed throughout the Lister Hall complex and are reviewed by a special committee.

Again, congratulations to Irene Provencal for being the first recipient of recognition in the innovative program. □



Irene Provencal and her “family.”

Technical Services

The Department of Technical Services provides a variety of services to all University departments. Technical Services consists of nine divisions, and the services of each are listed below.

Audiovisual Services

Supervisor: D. Patten, phone 2183. Equipment requests to: L2-6 Humanities, phone 3923 or 2183. Equipment may also be picked up at 339 General Services Building, 1261; CW005 Biological Science Building, 4962; and LB-9 Tory Building.

Services available

1. The following equipment is available for short term loan to all departments:

35 mm slide projectors
16 mm movie projectors with magnetic or optical sound;
automatic, manual and slot-load
3¼ x 4½ slide projectors
Opaque projectors
Overhead projectors
Filmstrip projectors
Portable public address systems,
megaphones and microphones
Projection screens and stands
Record players (stereo and monophonic)
Slide-tape synchronizing systems
Cassette tape recorders
(portable and classroom)

Reel tape recorders (stereo and monophonic)

UHER 4000 and 5000 recording machines/transcribers

2. The following services are available at no charge to departments:

Advice and assistance on the purchase and A-V equipment
Advice on the development of slide-tape programs
Seminars and presentations on how to operate A-V equipment
Instruction of staff and students on proper operation of theatre projection equipment (for scheduled classes only)

3. The following services are available at cost to departments only:

Provision of projectionists for 16 mm film and 35 mm slide presentations
Operation of public address and sound systems
Audio recording of meetings, lectures, and seminars

Facilities Available

Audio Visual Services operates the Humanities A-V Centre, located on the second floor of the Lecture Wing of the Humanities Centre.

In the Centre are 50 study carrels equipped with audio cassette players, filmstrip units, slide/sound units and video tape

The Western Canadian Centre For Experimental Psychotherapy

An innovative research and treatment centre has been founded and is currently operating at The University of Alberta.

The Western Canadian Centre For Experimental Psychotherapy, recently incorporated as a non-profit research company, will be developing new methods for efficiently treating a variety of behavioral, emotional, and psychological disturbances. Clients will be seen at the Centre, located in Education North, on Friday afternoons for a maximum of ten sessions by a therapy team of

eight psychologists, seven of whom assist the primary therapist from behind a one-way mirror. All sessions are recorded and filed for use as research data and training material.

Referrals to the Centre are accepted from a number of sources, including agencies, clinics, hospitals, and private practitioners. Self referrals are also accepted.

For more information on the Centre contact Allen Vanderwell, Director, at 432-5205 or Sean O’Connell, Associate Director, 424-6151. □

players. Audio tapes, cassettes, filmstrips and slide/sound programs may be left in the tape library in the Centre, where students and staff may draw them, and during normal working hours use them in the Centre.

Hours of Operation

Audio Visual Services operates from 8 to 4:30 during the winter and from 8 to 12 and from 1 to 4 during the summer. It is closed weekends and holidays, and persons requiring services outside normal hours should consult with the Supervisor, Derek Patten, at 2183.

Data Acquisition and Interfacing

W. Diachuk. Electronics Division, 248 Chemical-Mineral Engineering Building, 4901.

Services available

1. Design and construction of systems for data acquisition.
2. Design and construction of interfaces for mini-computers.
3. Conversion of analog to digital data for computer processing.
4. Assistance with purchasing of above type of equipment.
5. Rental of data acquisition systems.
6. Design and construction of micro-computer based data acquisition systems.

Electronics

Supervisor: W. Diachuk. Assistant Supervisor: B. Acheson, 248 Chemical-Mineral Engineering Building, 4901.

Services available

1. Designing and building specialized electronic equipment.
2. Maintenance and repair of equipment such as sterilizers, glassware washers, environmental chambers, centrifuges, spectrometers, pH meters, liquid scintillation systems, gas chromatographs, computers, teletypes, tape recorders and electronic instrumentation in general. (A regular preventive maintenance program is available to any department. Services contracts are available.)
3. Electronics technicians are available in either full-time or part-time basis for short or long periods of time.
4. Advice and assistance on



technical problems.

5. Servicing intercom installations and sound systems.
6. A considerable amount of electronic equipment is available for loan.
7. Complete fabrication of printed circuit boards, single and double sided.
8. Design and construction of microcomputer process controls.
9. Facilities available for programming a variety of proms.

Equipment Inventory

Supervisor: L.C. Stogell, 6-29 Mechanical Engineering Building, telephone 5835.

Services available

1. Provision of departmental reports of equipment in a variety of formats.
2. Assistance in locating equipment on campus.
3. Assistance in determining custodian of misplaced or stolen equipment.
4. Assistance in updating departmental equipment inventory records.

Glassblowing

Supervisor: P.B. Lea, WB39 Chemistry Building, west wing, 3513.

Services available

1. Design and construction of specialized scientific glass apparatus.
2. Repair of glass apparatus.
3. Fabrication of apparatus to your specifications.

Graphics

Supervisor: J.E. Gould. Assistant Supervisor: R. Wigeland, 4-31 Mechanical Engineering Building, phone 3461.

Services available

1. Presentation of graphical data for inclusion in publications, reports, thesis, slides, television, and motion pictures.
2. Preparation of illustrative material including technical illustrations, architectural renderings, and free hand sketches.
3. Production of visual instructional materials, such as overhead transparencies (in black and white or color), television cards, flip charts, and wall maps.
4. Design and preparation of display material for departmental display cabinets, conferences, and exhibitions.
5. Graphic design of labels, signs, logos, brochure covers, and posters for special or limited run applications.
6. Typesetting in a variety of styles (including Greek and mathematical typefaces), for publications, theses, reports, brochure, and slides.
7. Graphic reproduction services, including: direct positive line prints, for publications and theses.
8. Permanent and temporary signage and label production by silk-screen and signpress methods, on a variety of materials (paper, cardboard, acetate, vinyl, etc.).
9. Complete conference programs designed and produced including

such items as brochures, posters, directional signage, name tags, menus, advertisement, printed binders, and T-shirts.

10. Dry-mounting facilities as well as plastic laminating in a variety of sizes.

11. Advice and assistance regarding visual instructional materials and graphic standards.

12. Signage—The campus signage program is being coordinated through the Graphics Division in cooperation with Campus Development. Design, production, and installation of temporary, permanent, and safety signage is handled through Graphics. Advice and assistance in setting up signage programs for conferences and other related projects is also available. Telephone 3461.

Machine Shop

Supervisor: E.F. Eichenlaub. Assistant Supervisor: C. Blunck, 132 Chemical-Mineral Engineering Building, 4901.

Services available

1. Design and construction of specialized apparatus and equipment.
2. Complete shop services: machining, fabricating, and welding.
3. Service and repair of mechanical apparatus and equipment.
4. Advice and assistance on proposed projects.
5. Advice and assistance on proposed equipment.
6. Modification of equipment and machines.

Equipment is available to do the following:

1. Sawing
 - (a) Band saw—36-inch throat—depth capacity to 12 inches—contouring to 36 inches in diameter—band filing
 - (b) Cut-off saw—circular capacity to 12 inches
2. Turning
 - (a) largest lathe has a capacity of 13 feet between centres with a swing of 25 inches over bed and 52-inch swing in gap
3. Drilling and boring—radial drill has a 5-foot arm and drilling capacity in steel of 3 inches
4. Milling
 - (a) largest milling machine has



- a table travel of 60 inches and a ram travel (cross) of 27 inches
- (b) Moog 3-axis point to point numerical control machining centre
- 5. Welding
 - (a) Oxyacetylene
 - (b) Arc
 - (c) Tig. 300 amp maximum
 - (d) Mig
 - (e) Silver brazing
 - (f) plasma needle arc
- 6. Fabricating
 - (a) Power shearing 10 ft. x 1/4 in. capacity
 - (b) Press brake 12 ft. die surface, 110 ton capacity
 - (c) Hand brake, 4 ft.
 - (d) Punching and notching on "Iron-worker"
 - (e) Bending on a "Diacro" number 8 power bender, 3/8 in. x 4 ft. flat and 1/4 in. mild steel bar capacity
 - (f) "Pioneer" nibbler, 1/4 in. capacity
- 7. Grinding and lapping
 - (a) "Norton" tool and cutter grinder
 - (b) Lapping machine, 5 in. diameter capacity.
 - (c) Surface grinding, 27" x 14" capacity

- 8. Gauging
 - (a) "Scherr-Tumico" model P1600 Optical Comparator with photo print facility
 - (b) Registered Double "A" standard surface plate and gauge blocks in temperature-controlled room
- 9. Polishing
 - (a) Mechanical buffing
- 10. Shot-blasting—Shot-blast machine has a chamber size of 48 in. x 30 in. x 38 in.

Microscope Repair

Supervisor: E. Vincze, 4-22
Mechanical Engineering Building, 2449.

Services available

- 1. Maintenance and repair of microscopes.
- 2. Maintenance and repair of balances.
- 3. A preventive maintenance program is available to any department wishing regular servicing of microscope and/or balances.
- 4. Repair of electrical meters (movements only)—voltmeters, ammeters, etc.
- 5. Maintenance and repair of field surveying equipment.

Office Equipment Repair
Supervisor: D. Millar, 130
Chemical-Mineral Engineering Building, 4901.

Services available

- Maintenance and repair of
 - (a) all makes of electrical and mechanical typewriters
 - (b) all makes of dictation equipment and small tape recorders
 - (c) all makes of mechanical adding machines and calculators
 - (d) some lines of electronic calculators
 (where we are unable to service electronic calculators, we will handle the servicing through the distributor if the department wishes.)
- (e) spirit duplicators
- (f) small photocopy printers
- (g) microfilm readers and printers
- (h) small office accessories
- 2. Loan machines available for many makes while your machines are being repaired.
- 3. Machines available for rent.
- 4. IBM type element repair.

Photographic Services

Supervisor: D.R. Spearing;
Assistant Supervisor: W. Rauschning, 106 Temporary Lab Building, 4185 or 4186.

Services available

- 1. On location photography, prints and slides in color and black and white.
- 2. Studio photography, including portraiture, passport service, visa and application photographs in color and black and white.
- 3. Copy work. Production of slides and prints from original material.
- 4. Reproduction of slides and prints in color and black and white.
- 5. Specialized macro and photo-micrography, medical and scientific photography.
- 6. Microfilming, two types are available: standard 35 mm strip, and system microfiche (for use with Plato) in color and black and white.
- 7. Color slide processing and mounting of same either in card-board or glass mounts.
- 8. A complete line of 35 mm cameras and accessories are

available to departments at reasonable rates.

- 9. Restoration of old photographs.
- 10. Plastic laminating of identification cards, drivers' licences, etc.

Technical Services Telephone Directory

Director: W.H. Jopling, 6-29
Mechanical Engineering Building, 3302.

Audiovisual Services 3923

Electronics 4901

Equipment Inventory 5835

Glassblowing 3513

Graphics 3461

Machine Shop 4901

Microscope Repair 2449

Office Equipment Repair 4901

Photo Services 4185 or 4186 □

publications

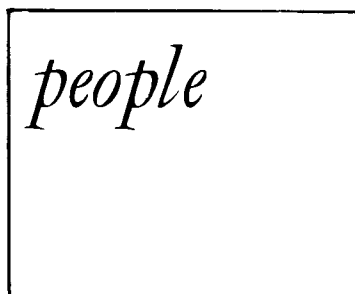
Green, L.C. (Political Science):
Jurisdictional Issues in International Criminal Law. 27
Chitty's Law Journal (1979):
pp. 355-60.

Le Rôle du Canada dans Développement du Droit en Conflit Arme. 11 *Etudes Internationales* (1980):
pp. 489-508.

Meilicke, C.A. and J.L. Storch, ed. (Health Services Administration): *Perspectives on the Canadian Health and Social Services Policy: History and Emerging Trends*. The University of Michigan Health Administration Press: Ann Arbor, Michigan (1980).

Waida, M. (Religious Studies): *Buddhism and the National Community in Early Japan. In Transitions and Transformations in the History of Religions: Essays in Honor of Joseph M. Kitagawa*. E.J. Brill: Leiden (1980).

Wilson, K. (Computing Science):
From Associations To Structure. Advances in Psychology
No. 6. Amsterdam: North
Holland Press, 1980.



George F. Stanley, Professor Emeritus at Mount Allison University and General Editor of the Riel Project, recently spent ten days at the Project's headquarters in North Garneau. He participated in an editorial board meeting and gave a series of lectures on campus.

The Riel Project, now entering its third year, centres on the publication in 1984-85 of a critical edition of all writings of Louis Riel.

Sharon McIrvine Abu-Laban, and Margaret J. Penning, Department of Sociology, present a joint paper entitled, "Bereavement Messages: Age and Generational Factors in Memorial Notices," at the Ninth Annual Scientific and Educational Meeting of the Canadian Association on Gerontology which was held in Saskatoon, 16 to 19 October. In addition, Dr. Abu-Laban chaired a Plenary Session on the "Sociology of Aging: State of the Art."

John Tartar, Department of Computing Science, was an invited speaker in the plenary session of the Western Computer Conference held in Calgary, 22 to 23 October 1980. The plenary session entitled "Western Canada's Special Opportunities in the Third Revolution" included discussions of the initiation and development

of high technology industries and the education and retention of highly skilled manpower in western Canada.

R.G. Moyles, Associate Dean of Arts, attended the sixteenth international Conference on Editorial Problems, at the University of Toronto, 31 October to 1 November. Dr. Moyles presented a paper on "Richard Bentley and the Text of *Paradise Lost*: Forcing a Definitive Text." Dr. Moyles has also been recently appointed to the Social Sciences and Humanities Research Council of Canada.

Felix Dreizin, Visiting Professor in the Department of Slavic Languages, presented a paper on "A Formal Grammar of Expressiveness for Sacred Legends" at the Eighth International Conference on Computational Linguistics which was held in Tokyo, Japan from 29 September to 4 October.

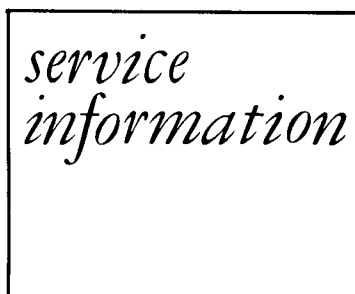
A new Writers and Publishers Advisory Committee has been established by the Alberta Minister of Culture. Among the nine

appointees to the Committee are Stephen Scobie (English) James De Felice (Drama) and Rudy Wiebe (English).

M. Waida, Department of Religious Studies, has been appointed to the Board of Directors of the Canadian Corporation for Studies in Religion. He served for the last three years on the Executive Committee of the Canadian Society for the Study of Religion.

He participated in the 14th International Congress of the History of Religions held in Winnipeg from 17 to 22 August 1980. The title of his presentation was "The Origins of Death in Central Asian Mythology."

Principal speakers at the recent meetings of the Western Canadian Poilhsophical Association were members of the Department of Philosophy Bernard Linsky, John King-Farlow, and Roger A. Shiner. Commentators included W.E. Cooper, Bruce Hunter and F.J. Pelletier.



Listings must reach the Editor by 9 a.m. on the Thursday prior to publication.6
Written notification is necessary.

Coming Events

Music

Convocation Hall

14 November. 8 p.m. Western Board of Music awards recital.
14 November. 8 p.m. Composers Forum. Alfred Fisher, Director. 1-29 Fine Arts Building.
16 November. 3 p.m. Edmonton Youth Orchestra concert. Michael Massey, conductor.
17 November. 8 p.m. The University of Alberta Symphonic Wind Ensemble. Fordyce Pier, director.
21 November. 8 p.m. Music 528 and 628 Students in recital.

23 November. 8 p.m. Norman Nelson, violin, and Janet Scott-Hoyt, piano. (A Faculty recital).
24 November. 8 p.m. The University of Alberta Baroque Ensemble.
25 November. 8 p.m. Don Stein, oratorio.
26 November. 8 p.m. Yvonne Alston, piano. (A non-compulsory student recital).
These concerts are subject to change without notice. Please contact the Department of Music for verification of dates—432-3263.

Jubilee Auditorium

13 November. 8 p.m. "I Am The Way" a biblical opera. Tickets Woodward's.
17 to 19 November. 8 p.m. Roger Whittaker. Tickets: Mike's, HUB, Eaton's.
21 November. 8 p.m. The Brothers Bogaardt. Tickets: Mike's, HUB and Eaton's.
22 November. 8 p.m. Valdy. Tickets: Bass.
27 and 29 November. 8 p.m. Edmonton Opera Association presents "Otello." Tickets: Mike's, HUB. EOA.

Edmonton Symphony

"Master Series"

14 and 15 November. Yuval Zaliouk, conductor, and Claudio Arrau, piano. All concerts are held in the Jubilee

Auditorium. For tickets and further information, please call 439-2091.

SUB Theatre

14 and 15 November. 8 p.m. Toronto Dance Theatre. Tickets: HUB, Mike's, Eaton's.
22 November. 7:30 p.m. and 23 November. 2 p.m. and 7:30 p.m. Alberta Dance Educators Association presents "Musical Showcase '80". Tickets: Telephone 464-0981.
26 and 27 November. 8 p.m. Brian Webb Dance Company presents their Fall '80 performance. Tickets: HUB and at the door.

Provincial Museum

16 November. 2 p.m. Walter Leeb Entertainers, multicultural entertainment.
23 November. 2 p.m. Ma Flethcer, improvisational sitar.
26 November. 8 p.m. The Edmonton Jazz Society presents the Heath Brothers in concert. Tickets at the door.

Alberta College

Faculty Recitals
All recitals will be held at 8 p.m. in the Provincial Museum Archives Auditorium. Admission is free.
17 November. 8 p.m. Marina Stolyar, piano.
"International Concert Series"
24 November. 8 p.m. The Allegri

Quartet from England will present a concert in Robertson Wesley United Church, 10209 123 Street. Tickets: Mike's, HUB, Alberta College and at the door.
Masterclasses for strings and ensembles will be conducted at the Alberta College Music Centre on 20, 21 and 22 November.
For further information call 428-1851.

St. Joseph's College

Monday evenings. 7 p.m. Gregorian Chant Choir. No experience necessary. 103 St. Joseph's College. Telephone 432-4729.

South Side Folk Club

21 Novembr. 8:30 p.m. Special concert with Martin Carthy from Britain.
22 November. 8 p.m. The South Side Folk Club Concert with Ferron from Vancouver and the McDade Family Band from Edmonton. The Orange Hall, 104 Street and 84 Avenue. Tickets at Mike's and HUB. Club information 478-6417, 475-2260.

Theatre

The Citadel Theatre

Shoctor Theatre

Until 23 November. "Ballerina" starring Anne Baxter. The story of a retired dancer and her autistic daughter.

Rice Theatre

18 November to 7 December. "Love in the Back Seat" a new musical by the composer of "Hey Marilyn." For ticket information and show times, please call 425-1820.

Edmonton Public Library Centennial Library Theatre

13 to 15 November. 8 p.m. "Charlotte," a one-woman play about the life of Charlotte Bronte and her family. Tickets: Woodward's and at the door. *Children's Library Theatre*
15 and 16 November. 1:30 p.m. and 3 p.m. Films.
22 and 23 November. 1:30 p.m. and 3 p.m. The Churchill Square Players present "The Fisherman and His Wife."

Films

Provincial Museum

15 November. 2 p.m. "Navajo Weaving," "Weaving," "Homespun."
16 November. 4 p.m. and 7 p.m. "The Chosen People," "People of the Book."
22 November. 2 p.m. "What is a bird," "Bird Wing Adaptations," "Birds and their characteristics," Adaptations of Birds."
23 November. 4 p.m. and 7 p.m. "Vejen," "Gospel According to St. Matthew."

National Film Theatre

13 November. 7 p.m. Hollywood Cartoons. 7:50 p.m. "Prune Des Bois/The Wolf Clubs of Niquoluna" (1980). 9:30 p.m. "Bringing Up Baby." (1938).
14 November. 7:30 p.m. "Kaigenrei/Coup d'Etat" (1973). 9:30 p.m. "Genji Monogatari/The Tale of Genji" (1951).
16 November. 7:30 p.m. "Hollywood Cartoons and "Prune des Bois/ The Wolf Cubs of Niquoluna." (Family double feature).
19 November. 7 p.m. "Die Dreigroschenoper/The Threepenny Opera" (1931). 9:30 p.m. Mr. Smith Goes to Washington" (1939).
20 November. 7:30 p.m. "Tale of Genji." 9:45 p.m. "Coup d'Etat."
21 November. 7:30 p.m. "Pu'san/Mr. Poo" (1953). 9:20 p.m. "Tale of Genji."
23 November. 8 p.m. "Meetings with Remarkable Men." (1979).
26 November. 7:30 p.m. and 9:30 p.m. "La Grande Illusion/The Grand Illusion" (1937).
All foreign language films are presented in the original version with English subtitles.

Edmonton Public Library

Bette Davis Series

15 and 16 November. 2 p.m. "Hush, Hush Sweet Charlotte" (1965).
22 and 23 November. 2 p.m. "Petrified Forest" (1936).
Brown Bag Cinema
17 November. 12 noon. "Toilette," "Jump," "Other Women, Other Work," "Fashion in the Making."

24 November. 12 noon. "Last Cartoon Man," Ring Lardner's "Golden Honeymoon."
Children's Cinema
22 November. 10:30 a.m. "Mouse Trapped," "Hound That Though He Was A Raccoon."
Centennial Library Theatre.
Admission free.

SUB Theatre

16 November. 7 p.m. and 9:30 p.m. "Caddyshack" (1980).
19 November. 7 p.m. and 9:30 p.m. "The Fiendish Plot of Dr. Fu Manchu" (1980).
25 November. 7 p.m. and 9:30 p.m. "1941" (1979).

Edmonton Film Society

17 November. "The Green Room" (1979). SUB Theatre.
19 November. 7 p.m. "On Dangerous Ground (1951). "Angel Face" (1952). Tory Lecture Theatre.
24 November. 8 p.m. "Cluny Brown" (1946).
26 November. 7 p.m. "The Third Man" (1949). "Cross Fire" (1947).
German Films
19 November. 7:30 p.m. "Nathan der Weise." 17 Arts Building. Free admission.

Humanities Centre

"Civilization" Series
18 November. 12:30 p.m. and
19 November. 12 noon. Civilization #7 (Counter-Reformation).
25 November. 12:30 p.m. and
26 November. 12 noon. Civilization #8 (Dutch Realism. The Royal Society).
L3, AV Centre, Humanities Centre.

Exhibitions

Rutherford Library Galleria
Continuing. "Canada's West: Photographs from the University of Alberta Archives." A selection of historical photographs relating to Western Canada.

University Special Collections
"Paper to Pinto: Four centuries of bookbindings." Hours: 8:30 a.m. to 4:30 p.m. Monday and Friday. 8:30 a.m. to 9:30 p.m. Tuesday to Thursday. B37 Cameron Library.

Ring House Gallery

Until 23 November. "The Secret Garden," fantasies and dreams transformed into photographic imagery by Ottawa artist Jennifer Dickson.
Until 30 November. "Grupo Piru." Wall hangings and neck pieces from the high Andes.

Students' Union Art Gallery

Until 24 November. "Fibrations," an exhibition of contemporary fibre works by Alberta artists. Opening reception: Thursday, 6 November at 8 p.m.

Provincial Museum

Continuing. "Patterns and Sources of

Navajo Weaving." Feature Gallery No. 3.
Until 12 November. Hokkaido Photographic Exhibition. Orientation Gallery. Continuing. "Symbols of Change from Territory to Province—1905." West Alcove.

Edmonton Public Library

Until 21 November. An exhibition of black and white landscapes by Ottawa artist, Robert Boudreau. Photography Gallery, Centennial Library.
Until 30 November. An exhibition of ceramic sculpture by Pat Galbraith. Foyer Gallery. Centennial Library.

Multicultural Heritage Centre

Until 18 November. Exhibition of crafts from the 10th Annual Parkland Parks and Recreation Handicraft Show. *Settler's Cabin*. A "Living Museum" with weekend demonstrations of pioneer and ethnic crafts.
Handicraft Store. Handcrafted articles made by local artists.
Library and Archives. Reference books, tapes, photos and maps.
Homesteaders Kitchen. Homemade meals daily except Mondays.
12 noon to 2 p.m. Lunch. 2 p.m. to 4 p.m. Coffee and Dessert. Soup lunch served Thursday until 8 p.m. 5411 51 Street, Stony Plain. Telephone 963-2777.

Latitude 53 Society of Artists

Until 16 November. Drawings by Alan Brownoff. The Gallery is located at 9749 111 Street and is open Wednesday through Sunday 12 noon to 5 p.m.; Friday and Saturday 6 p.m. to 9 p.m.

Society of Graphic Designers of Alberta

Until 14 November. 8 a.m. to 11 p.m. "GDA Works," an exhibition of recent professional work by members of the society. Citadel Theatre.

Beaver House Gallery

Until 29 November. Medalta Pottery. An exhibition tracing the development of the ceramics industry in Alberta during the early part of the century.

Riverdale Community Hall

16, 23 and 30 November. Noon to 8 p.m. An exhibition and sale of contemporary original Polish art and posters from Warsaw. 93rd Street at 100 Avenue.

Alberta Natural Resources Science Centre

The Centre consists of six permanent pavilions with displays that describe and interpret how Alberta's natural resources are put to use. Opening hours are Saturdays and Sundays from 11 a.m. to 5 p.m. School tours are available Monday to Friday. Admission and parking are free. The Centre is located east of Edmonton at the new Strathcona Science Park. For further information and bookings phone 427-0648.

Lectures and Seminars

Department of Classics

13 November. 4 p.m. A.M. Small will present an illustrated lecture on "San Giovanni di Ruoti: The Building Sequence." 1-8 Humanities Centre.

Provincial Museum

"Traditions in Transition: World Religions in the Western Canadian Context"

13 November. 8 p.m. M. Morgan and Rabbi S. Hyman will speak on the Jewish tradition.
24 November. 8 p.m. W. Freitag and G. Johnson will speak on the Protestant tradition.
27 November. 8 p.m. S. Ikuta and M. Nishiyama will speak on the Buddhist tradition.

Department of Zoology

14 November. 3 p.m. B. Heming will speak on "How to erect a scaffold for metamorphosis."
21 November. 3 p.m. "Practical use of lake models for evaluating different water pollution control strategies," presented by D. Imboden, Swiss Federal Institute for Water Resources and Water Pollution Control. 345 Agriculture Building. Refreshments will be served at 4 p.m. in CW410 Biological Sciences Building.

Division of Continuing Medical Education

16 November. Dr. J.W.R. McIntyre will present a symposium on Inhalation Anaesthesia. Four Seasons Hotel. For more information call 432-6349.

Department of Linguistics

17 November. 2 p.m. M. Kawashima will discuss "Processing of Japanese Relative Clauses." 749A General Services Building.

Department of Chemistry

Chemistry Colloquium 1980-81
17 November. 8 p.m. "A Pot Pourri of Reactive Intermediates in Organosilicon Chemistry" will be presented by T. Barton, Iowa State University. E1-60 Chemistry Building.

Canadian Institute of Ukrainian Studies

18 November. 12:30 p.m. G.G. Grabowicz, Harvard University, will discuss "Shevchenko: Myth Carrier and Myth Maker." 352C Athabasca Hall.
18 November. 8 p.m. G.G. Grabowicz will present "Three Perspectives on the Cossack Past: Hohol, Shevchenko and Kulish." B-2 Tory Lecture Theatre Basement.

Division of East European Studies

18 November. 3:30 p.m. T. Yedlin will discuss "New Developments at the Second World Congress for Soviet and East European Studies—Garmisch, 1980." 311 Athabasca Hall.

Students' Union Art Gallery

18 November. 8 p.m. "Right out of

History: the making of Judy Chicago's 'Dinner Party'. A lecture and film presented by Judy Chicago. SUB Theatre. Tickets available at the door.

Boreal Institute for Northern Studies

18 November. 8 p.m. H. Scott will speak about "Northern Games: Dene and Inuit Recreation in a Historical and Political Context." CW 410 Biological Sciences Centre.

Technocracy Inc.

18 November. 8 p.m. W. Fryers will present "The Role of Energy in Human History." Rocking Chair Lounge, HUB Mall.

Department of English

19 November. 4 p.m. "The Twin Faces of India in English Fiction: A Comparative Study of the Anglo-Indian and Indo-Anglian Novel" will be presented by P.S. Padmanabhan. Boardroom, 5-20 Humanities Centre.

Department of Religious Studies

19 November. 4 p.m. M. Waida will discuss "Mythologies on the Origin of Death in the History of Mankind." Lecture Theatre 2 Humanities Centre.

Department of Botany

19 November. 4 p.m. W.L. Crepet, University of Connecticut, will speak on a topic still to be announced. 26 November. 4 p.m. "A vascular flora of the San Rafael Swell, south-eastern Utah" will be presented by J. Harris. M-149 Biological Sciences Building. Tea and coffee will be served from 3:30 p.m.

St. Joseph's College

Newman Centre

Understanding Catholicism

19 November. 7 p.m. to 9 p.m. "Conversion and Reconciliation" by Father J. Gallagher. 26 November. 7 p.m. to 9 p.m. "The Church in action and the Synod of Bishops" by Archbishop J.N. MacNeil. For further information please call 433-2275.

Alberta Culture Historic Sites Service

"Architects and Architecture Series" 19 November. 8 p.m. "Urban space and the landscape architect" by Susan Filshie. Old St. Stephen's College, 8820 112 Street.

Committee for the Improvement of Teaching and Learning

19 and 22 November. "Issues in the improvement of university teaching," a workshop led by Dr. Richard Tiberius, University of Toronto. For more information please call 432-5192.

Public Lecture Series

"Through Sociologists' Eyes: Contemporary Issues." Co-sponsored by: Faculty of Extension and Department of

Sociology and the Edmonton Public Library. The lectures will be held at 12 noon in the Centennial Library Music Room.

20 November. "The Literature of Dissent" by E. Mozejko.

27 November. "The Problems of Population" by P. Krishnan.

Population Research Laboratory

A series of seminars on the Edmonton Area Studies 1977-80.

20 November. 2 p.m. "Family Life in Edmonton" by L. Larson. 14-6 Tory Building.

Biological Membrane

Discussion Group

20 November. 4 p.m. A. Jonas, University of Illinois, will give a seminar entitled "Interaction of apolipoproteins with phospholipid bilayers." 2-27 Medical Science Building.

Guild for Mediaeval and Renaissance Studies

20 November. 8 p.m. "The Figure of Old Age in Middle English Literature" presented by J. Lehr. 4-29 Humanities Centre.

Personnel Services and Staff Relations Pre-Retirement Seminar

Personnel Services' 1980 Pre-Retirement Seminar for non-academic staff will be held on 21 and 22 November 1980. All non-academic staff who are 60 years of age and older are invited to attend. Guest speakers will discuss such topics as federal-provincial pensions, legal matters, financial planning, health and aging as well as others. The \$10 per person registration fee includes coffee, lunch and reading materials. To register, please telephone David Bruch at 432-5201.

Sports

Golden Bears and Pandas

14 and 15 November. 7 p.m. Panda basketball vs University of Victoria. Varsity Gym.

16 November. 1 p.m. Gymnastics Team Trials. E19 Dance Gym.

21 and 22 November. 7:30 p.m. Hockey vs Saskatchewan. Varsity Arena.

Radio and Television

Department of Radio and Television

15 November. 7 p.m. University Concert Hall. Interview with Theo Lindenbaum.

17 November. 7p.m. Legal Maze. Adoption Uart I.

19 November. 7 p.m. Extensions: Craft. All programs on CKUA (580 AM/95 FM).

CBC Stereo "IDEAS" Series

Values in Education:

Alberta and Oil—An Interlude of Wealth Beginning on 24 October at 8:04 p.m., this series can be heard each Friday until 14 November.

Marshall McLuhan:

What If He's Right?

A two-part series to be heard on 17 and 24 November at 8:04 p.m.

17 November. "The Education of Marshall McLuhan."

24 November. "The McLuhan Era."

Trotting Down the Electronic Highway

Two programs take listeners behind the scenes to find out what's happening in the information revolution.

18 and 25 November. 8:04 p.m.

18 November. "Welcome to the Information Society."

25 November. "Ah, the Marvels of Modern Technology."

Access: The Freedom of Information Controversy

19 and 26 November. 8:04 p.m.

Topics include: Government secrecy, history of reform, major pitfalls and hurdles with FOI in Canada and The Canadian Access to Information Act.

Pre-selection of Sex

20 and 27 November. 8:04 p.m. Two programs prepared by Roberta Steinbacher, University of Cleveland and hosted by Russ German.

Intriguing Past; Hilarious Future

21 November. 8:04 p.m. and each Friday for six weeks. "Reconstructing the Past" is a look at the work and romance of historical preservation. "Hitchhiker's Guide to the Galaxy" is a kind of Gulliver's Travels in space.

Non-Credit Courses

Faculty of Extension

Health Law Seminars

Canadian Law of the Medical Staff Date: 14 November. Time: 9 a.m. to 4 p.m. Fee: \$60. Telephone: 432-5532 or 432-5061.

The Canadian Patient and His Rights

Date: 14 November. Time: 7 p.m. to 10 p.m. Fee: \$20. Telephone: 432-5532 or 432-5061.

Consent to Treatment

Date: 15 November. Time: 9 a.m. to 4 p.m. Fee: \$60. Telephone: 432-5532 or 432-5061.

Anyone wishing to register for all three seminars may do so for a fee of \$120.

Statistics for Engineers

Date: 20 and 21 November. Fee: \$80. Telephone: 432-5532.

Should Your Organization Have an Employee Fitness Program?

Date: 24 November. Time: 9 a.m. to 4:30 p.m. Fee: \$100 including lunch. Telephone: 432-3037.

Managing the Adult Education Enterprise

Date: 27 and 28 November. Fee: \$140 including lunch. Telephone: 432-5055 or 432-3116.

Division of Continuing

Medical Education

Psychosocial Problems in

Obstetrics and Gynecology

Date: 20 and 21 November. Fee: \$45 including lunches. Telephone: 432-6349. Co-sponsored by the Department of Obstetrics and Gynecology, Misericordia Hospital, the Division of Continuing Medical Education, and the Misericordia Emergency Physicians Association. (This course is approved for 14 College of Family Physicians Study Credits).

Symposium on Acid Peptic Disease

Date: 24 November. Fee: \$15. Telephone: 432-6349.

Alberta Culture

Writing Regional History

Workshop

Date: 21 and 22 November. Registration deadline: 14 November. Class limit: 75. Fee: \$10. Telephone: 427-9218.

Faculty of Dentistry

Division of Continuing Education

The following courses will be offered during the months of November and December.

21 and 22 November. "Crown and bridge today for technicians and dentists" (lectures and lab).

29 November. "Current concepts in periodontics" (to be held in Calgary).

6 December. "Dental office emergencies and their management." For further information on these courses, please call 432-5023.

Faculty of Nursing

(In cooperation with the Faculty of Extension)

Instructional Skills for Nurses

Date: 13 and 14 November. Fee: \$50. Telephone: 432-5070.

Notices

The Provincial Archives recently acquired the papers of the Jesuit College Alumni Association.

The Jesuit College, founded in 1913, played an important role in the Franco-Alberta community until its closure in 1942. The Alumni Association, begun by Msgr. Romeo Kethen of Immaculate Conception parish, Edmonton, in 1926, operated for sixteen years.

The papers contain some twenty centimetres of material including Association correspondence, minutes, circulars and other documents.

Documents related to the history of the college are preserved in the Jesuit Archives in St. Jerome, Quebec and Maison Bellarmin in Montreal.

The public has a role to play in the building of the Archives collection. Individuals and organizations may donate documents, business records, minutes and other material of historical

value to the Provincial Archives for preservation.

The Provincial Archives is located at 12845 102 Avenue, Edmonton. Reference Room hours are from 9 a.m. to 4:30 p.m. Monday to Friday, on Wednesdays the Reference Room is open until 9 p.m.

Review of Dean of Education

Information about the administration of the Faculty is being solicited, as part of the normal process of performance review after 5 years in office. For further information call the Office of the Vice-President (Academic): 432-3443.

Dean of Engineering

The Selection Committee invite written suggestions of possible candidates among the staff of the Faculty for the position of Dean. Such suggestions should be submitted to the Vice-President (Academic) no later than 21 November 1980.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

KIMAX ID 20 C .60in 15/100ml
Pipettes. For further information call W.A. Holmes 432-2251.

Pitney Bowes Insertette model 3307
c/w Folderette model 1831. For further information contact Mrs. Jackson 432-8961.

Scholarships, Fellowships and Awards

The Canadian Political Science Association is offering ten graduate level internships to students in the social sciences. These stipends are valued at about \$8,000 for a ten month period. For further information contact R.J. Jackson, Director, Parliamentary Internships Program, Arts Tower, Carleton University, Ottawa, Ontario, K1S 5B6.

Positions Vacant

Head, Science Library

The University of Alberta Library invite applications for the position of Head of the Science Library. Principal duties consist of planning and organizing an active program of reference and information services; supervision of, and participation in, collection development activities; directing the work of four and one-half librarians and seven

support staff; administering two branch libraries; effective liaison with the Faculties of Science, Engineering, Agriculture and Home Economics.

Professional library qualification required. Preference will be given to a candidate with a science degree and considerable experience in a science library and in administration.

Salary according to experience and qualifications. Academic status, excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to: Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. The University of Alberta is an equal opportunity employer.

Assistant Law Librarian

The University of Alberta Library requires an Assistant Law Librarian, who will work under the direction of the Law Librarian, and take responsibility for the public service functions of the library including circulation, stacks, micromaterials and reference. Reference, supervision, collection development, teaching and planning are all aspects of the position. In the absence of the Law Librarian, the Assistant Law Librarian will be responsible for the management of the library.

Applicants should possess a degree in library science. Considerable previous library experience in a law library is required. Familiarity with the use of common law materials, and ability to access information in these effectively, as well as ability to teach students in the use of the materials is necessary. Experience in administration and supervision is essential.

Salary according to experience and qualifications. Academic status, excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcript of academic record, and the names of three references to Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. The University of Alberta is an equal opportunity employer.

Collections Librarian

The University of Alberta Library requires a librarian to assume responsibility for all matters related to collection development in the Humanities and Social Sciences Library. The incumbent will provide guidance to and coordinate the collection development activities of both professional librarians and teaching staff.

Applicants should have experience in varied collection development activities, and should have demonstrate organizational ability. The knowledge and ability to communicate and work effectively with faculty, and with library staff in technical and public service areas, is essential. A professional library qualification is required, and a reading knowledge of foreign languages is highly desirable.

The salary range is \$23,993 to \$30,349

per annum. Academic status, excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to: Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. The University of Alberta is an equal opportunity employer.

Administrative Assistant

The University Secretariat, an administrative unit of the President's Office, requires an administrative assistant to take up duties on 1 December. The requires an administrative assistant to meetings of General Faculties Council and its Executive Committee, draft all minutes of those meetings, act as Secretary to the GFC Writing Competence Committee and perform related tasks. Excellent verbal and written skills are required. A University degree would be an asset. Applications should be made to M.M. McCaughan, Executive Assistant to the President, 3-3 University Hall (telephone 432-4957) no later than Monday, 24 November 1980.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 6 November 1980.

Clerk Typist II (\$474.36-\$566.52)—
—Continuing Medical Education (Part-time, Recurring Term)
Clerk Typist II (\$830.15-\$991.42)—
Personnel Services and Staff Relations;
Provincial Laboratory
Clerk Steno II (\$861.22-\$1,030.83)—
Secondary Education; Technical Services
Dental Assistant (\$861.22-\$1,030.83)—
Dental Health Care
Clerk Typist III (\$461.07-\$554.83)—
English (Part time, Term to March/81)
Clerk Typist III (\$922.13-\$1,109.66)—
Administrative Services; Medicine; Personnel Services and Staff Relations
Data Entry Operator I (\$922.13-\$1,109.66)—Bookstore; Computing Services
Clerk Steno III (\$959.16-\$1,157.44)—
Sociology; McLaughlin Research Centre; Drama: Education Administration
Accounts Clerk (\$991.42-\$1,205.22)—
Office of the Comptroller
Medical Steno (\$1,030.83-\$1,257.77)—
Pediatrics
Administrative Clerk (\$1,069.05-\$1,309.14)—Community Development; Housing and Food Services
Medical Records Librarian I (\$1,069.05-\$1,309.14)—Pathology (term)
Distribution Clerk (\$1,109.66-\$1,365.29)—
—Scheduled Distribution
Data Entry Supervisor (\$1,157.44-\$1,423.81)—Computing Services
Laboratory Assistant II (\$861.22-\$1,030.83)—Provincial Laboratory; Medical Bacteriology

Building Services Worker I (\$459.31-\$549.78)—Physical Plant (Building Services) Part time
Building Services Worker I (\$861.22-\$1,030.83)—Physical Plant (Building Services)
Building Services Worker II (\$959.16-\$1,157.44)—Physical Plant (Building Services)
Technician I (\$1,069.05-\$1,309.14)—
—Anatomy; Computing Services
Technician I (\$534.53-\$654.57)—Geology
Radiation Safety Technician (\$1,069.05-\$1,924.31)—Radiation Control Committee
Draftsman I (\$1,109.66-\$1,365.29)—
Physical Plant (Engineering and Design)
Engineering Technologist I (\$1,157.44-\$1,423.81)—Physical Plant
Security Officer I (\$1,205.22-\$1,484.74)—
—Campus Security
Technologist I (\$1,205.22-\$1,484.74)—
Immunology (Trust)
Technologist I (\$1,205.22-\$1,484.74)—
Surgery; Genetics
Laboratory Technologist I (\$1,205.22-\$1,484.74)—Provincial Laboratory
Programmer/Analyst I (\$1,257.77-\$1,550.43)—Genetics
Art Technician Demonstrator I (\$1,309.14-\$1,617.33)—Art and Design (2 positions)
Audio and Video Technician II/II (\$1,309.14-\$1,843.07)—Audiovisual Media Centre
Electronics Technician II/III (\$1,309.14-\$1,843.07)—Computing Science; Electrical Engineering (trust)
Engineering Technologist II (\$1,409.14-\$1,843.07)—Physical Plant
Technician III (\$1,365.29-\$1,690.17)—
Physics
Instrument Repair Technician III/IV (\$1,365.29-\$1,924.31)—Technical Services
Civil Engineering Technician III (\$1,365.29-\$1,690.17)—Civil Engineering
Typographical Tradesman III (\$1,423.81-\$1,763.03)—Printing Services
Programmer/Analyst II (\$1,484.74-\$1,843.07)—Chemical Engineering
Publications Assistant III (\$1,484.74-\$1,843.07)—Computing Services
Electronics Technician III (\$1,484.74-\$1,843.07)—Physics (two positions)
Programmer/Analyst II/III (\$1,484.74-\$2,195.45)—Printing Services
Administrative Assistant II (\$1,550.43-\$1,924.31)—Personnel Services and Staff Relations
Biology Technician IV (\$1,550.43-\$1,924.31)—Genetics
Chemical Technologist III (\$1,550.43-\$1,924.31)—Civil Engineering
Engineering Technologist IV (\$1,609.17-\$2,101.07)—Physical Plant (Energy Management) (2 positions)
Programmer/Analyst III (\$1,763.03-\$2,195.45)—Pharmacology; Computing Services
Controls Fitter (\$2,312.27/month)—
—Physical Plant

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library, Room 512, should

be consulted for further information as to availability and position requirements.

Library Clerk III (\$893.47-\$1,069.05)
—Education

Library Assistant I (\$959.16-\$1,157.44)
—Acquisitions

Administrative Clerk (\$1,069.05-\$1,309.14)—Accounting

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 20 cents per word for the first week and 10 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

Accommodations available

Recreational land for yourself or a group. Business failure requires quick, cash sale of ¼ section, 17 miles south of Seba Beach overlooking the river. Phone (604) 479-6906 or write 4150 Bracken Avenue, Victoria, B.C. V8X 3N8.

For sale—Hearthstone townhome, 1,354 sq. ft., neutrally decorated, partial basement development, attached garage. Close to schools, recreation, bus. Only \$94,900. Call DeAnna Larson 481-0936 or Spencer's 436-5250.

For sale—Beautiful lot, 50 Avenue and Whitemud Road, \$95,000. Call DeAnna Larson to make your offer, 481-0936. Spencer's 436-5250.

For sale—Superb, four bedroom, family home with cozy main floor family room. Schools, shopping, recreational facilities, nature trails within walking distance. Riverbend area, ten minute drive to University. Call DeAnna Larson 481-0936, Eva Kopecka 437-5603 or Spencer's 436-5250.

For rent—1 January - 1 July. Furnished three bedroom house. Direct bus to University. 483-4267.

For rent—House. Petrolia. \$650. A four bedroom, fully furnished house with double garage. 1 January 1981 - 31 July 1981. Phone 435-6194.

For rent—Two bedroom bungalow near University. For six months from January 1981. Low rent for good tenant(s). Call Mike Carroll 432-4178, 436-1280.

For sale—Attractively renovated, 1,285 sq. ft. semi-bungalow in quiet residential area. Close to downtown and ten minutes to University. Three large bedrooms, fireplace, hardwood floors, large private yard, many trees. Possession 1 March. \$97,500. 10920 115 Street. 426-6812.

For sale—Fifteen minutes from University on a quiet crescent location in

Duggan. Super, four bedroom, two storey. Main floor utilities, family room, open fireplace, separate living dining rooms, 2½ baths, double garage. Only \$128,900. Phone Al or Reina, Royal Trust. 435-4869, 436-8487, 436-2556.

For sale—View of river valley. Two bedroom condominium. City Centre. Resi Richter 483-9432, Weber, 455-4135.

For sale—Duggan Exclusive. Spacious, split level home only minutes from campus. Located on a quiet crescent in the Duggan community—ideal for safe children's games. Your kitchen overlooks the main floor family room with sliding glass doors and a cheery tyndalstone fireplace. You'll enjoy the morning sun with your breakfast. A most unique and desirable arrangement of the back yard provides material for quiet contemplation or for conversation. Add to that today's price and possession in early spring and you have an irresistible combination. For an opportunity to view this gem please call Earl 436-5080 res., 436-4488 A.E. Lepage Melton Real Estate.

For rent—Belgravia. Three bedroom house. Fully or partly furnished. Available mid-December. Six to eight months. \$575. 435-2207, 432-4624.

For sale—Ermineskin. 10908 32 Avenue. Bungalow, 1,210'. Front, attached, double garage. Alley, large yard, \$115,000. Phone 435-4943 to leave message.

For rent—One block from University. One elegant bedroom suite fully furnished in shared apartment. Professional male/female. \$350. Roommate girls welcome. 432-8771 Jewel, after 6 p.m. 432-9299.

For sale—Ideal starter home. Two bedroom, Easy access University. \$64,900. Joyce Byrne, Spencer's 435-6064, 436-5250.

For rent—University area, three room furnished, private, parking, references. 436-5010. \$300.

For rent—Share accommodation. Non-smoking female to share house, Oliver district, with same. Phone days 420-2110 Wendy, 488-5484.

For sale—De Luxe condominiums. Quiet residential area. Five appliances, fireplaces, from \$52,500. Joyce Byrne 435-6064, Spencer's 436-5250.

For sale—Fantastic! Location, construction and size. Five bedroom home just one year old and only minutes from campus. Built-in vacuum, wood burning fireplace, heated basement floor and many custom extras. Call Patricia Warnke, A.E. Lepage 437-7480 or 436-1299.

For sale—Lovely, four level split with \$64,000 mortgage at 10% until 1984. Located in Greenfields. Call Tom at 436-6465, A.E. Lepage. 437-7480.

For rent—January - June. Fully furnished, modern, three bedroom bungalow, with all appliances. Sherwood Park. 432-2553, 467-9318.

Share rent—Mature person to share

house with young couple. Homey atmosphere, parking with plug-in. Parkallen district. \$200 monthly. Share food, utilities. Bill 436-1929, 426-1968.

For rent—Three bedroom, furnished house, McKernan. \$475. 1 January - 31 July. 434-9140.

For rent—Hilo, Hawaii, full view of Bay, 150 yards from ocean. Faculty home, two bedroom, study, family-craft room full furnished. \$495 plus utilities. Donald Wells, 169 Paukaa Drive, Hilo Hawaii 96720. Phone (808) 961-6335.

For rent—Room. Male graduate or senior student, non-smoker. Near Lister Hall. 439-1793.

For sale—By owner. Three bedroom, bilevel, three bathrooms, central

vacuum system, two fireplaces. Finished basement, wet bar, cooled wine cellar. Double, heated garage with automatic door opener. Built-in china cabinet and much more. Reduced to \$129,000 from \$139,000. Clear title. Vendor carry first mortgage at 12%. 107 Street 72 Avenue. 434-4605.

For rent—Office space. Noble building. 109 Street and 86 Avenue, Available immediately. Contact Terry 437-5350. Realty World. Hertay Mitchell Nixey Property Specialists Ltd.

Sublet—Luxury, two bedroom. Two minute walk to University. Furnished. 1 January - 31 July. Knowlton 432-3261, 433-3417.

For rent—Comfortable, three bedroom, two storey house on quiet Norwood

Anni ver sary Logo Com peti tion

The University of Alberta will be celebrating its 75th anniversary in 1982/83. There will be special events such as displays, symposia, concerts, etc., all of which will be identified with a special logo, as will a number of souvenir items.

The design competition for this logo or symbol is open to all residents of Alberta.

First prize \$1000, Second prize \$350, Third prize \$150.

All entries must arrive not later than December 9, 1980 at 4 pm. in the Office of Community Relations, 423 Athabasca Hall, University of Alberta, Edmonton T6G 2E8. (432-2325)

To be eligible for a prize all submissions must comply fully with the competition rules available from the above address.

street. Heated garage. 1 December. Damage deposit. References. \$580 monthly. 433-9912.

For rent—Person to share accommodations with two girls. Bonnie Doon. Phone Sherrie 432-4246, 469-9806.

Accommodations wanted

Visiting professor seeks furnished bachelor or one bedroom apartment to rent or sublet. 1 January - 30 April 1981. Close to University (walk/bus). Write: Prof. H. Reeder, Dept. of Philosophy, University of Guelph, Guelph, Ontario. N1G 2W1.

Wanted four bedroom house within walking distance from University. Phone after 6 p.m. 433-6145.

Visiting medical scientist, wife and one five year old child, require accommodation from January 1981 to December 1981. Dr. E. Williams, c/o Dr. Clanachan, 432-4745.

Former University of Alberta professor, currently at Long Beach State Uni-

versity, California, is returning to Edmonton for a sabbatical and requires house or apartment to sublet for the winter. From February, 1981. Contact Jan Kozina, Midgley, Kozina & Kozia, Barristers & Solicitors, 105 Concord Tower, 11147 82 Avenue, Edmonton. Phone 433-2421.

Automobiles and others

Wanted older Japanese cars. Datsun 510, Toyota Corona or 1600, for parts or to fix. 477-2908. 1975 Peugeot 504, station wagon (gas). Factory luggage rack, trailer hitch, extra rustproofing, clean throughout. Bill 436-1929, 426-1968.

Goods for sale

Lavone K. Ceramics Productions Ltd. All kinds of gift ideas. Porcelain entirely sculptured and painted by hand, wholesale. Phone 454-4435. Antiques: Period furniture, china,

glass, silver, brass, cloisonné, estate jewellery, spoons, objets d'art, collectibles. 1 - 4:30 p.m. Mary Goulden Antiques. 10437A 142 Street. 453-2008.

For sale—Bell and Howell microfiche reader/printer. 432-4236.

Genuine wolf fur coat. \$1,200. 434-3053.

For sale skis with bindings, Snorex, 140 cm, \$25. Blizzard, 130 cm, \$35. 436-1448 evenings.

Drapes—Antique satin, moss green, beauty pleat, 8'x19', \$300. Also Franklin stove, dishwasher, unfinished dressers. 465-3487.

Wanted—Balloon-tire bicycle. Phone 432-3711, 432-7016.

Two snow tires with rims. Like new.

Half original cost. 435-3072.

For sale—Snowshoes, new, \$45.

Guitar, new, Harmony acoustic, carrying case, \$90. Skis, new 160 cm, Elan, M33 bindings, Raichle 7m boots, press, poles, \$185. 489-1002 after 6 p.m.

For sale—Beautiful 160 cm Ikea "Lindos" bed - 1/2 price. Also, four Ikea chairs "Kontiki," \$25 each. One nearly new fridge, \$150. 488-7386.

theses, résumés, reports, manuscripts, proposals and correspondence.

Student discounts available. #305, 9924 106 Street. 423-3068, 483-6075, evenings, weekends.

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